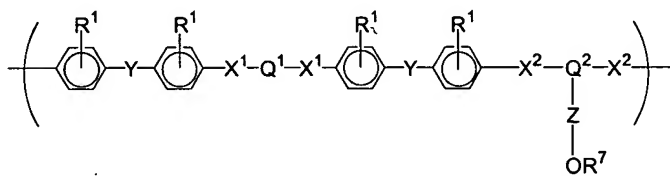


**WHAT IS CLAIMED IS:**

1. A composition comprising a polymer blend including a luminescent polymer and a second polymer, wherein at least one polymer is crosslinked.
2. The composition of Claim 1, wherein the second polymer is crosslinked.
3. The composition of Claim 1, wherein the luminescent polymer is crosslinked.
4. The composition of Claim 1, wherein both the luminescent polymer and the second polymer are crosslinked.
5. The composition of Claim 1, wherein the luminescent polymer comprises a polyfluorene, a poly(phenylenevinylene), or a polybiphenyl.
6. The composition of Claim 1, wherein the polymer that is luminescent further comprises a charge transporter.
7. The composition of Claim 6, wherein the charge transporter comprises a triarylamine, a carbazole, a 2,3-diphenylquinoxaline, or a 1,3,4-oxadiazole.
8. The composition of Claim 1, wherein the crosslinked polymer comprises units having the formula



wherein:

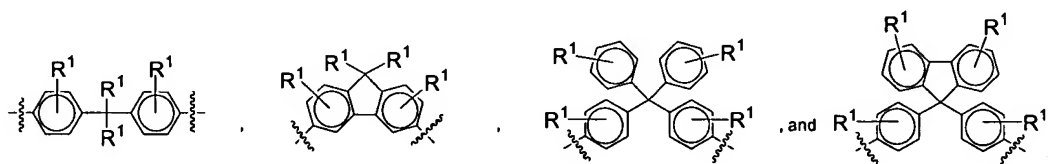
- Q<sup>1</sup> comprises at least one aryl or heteroaryl group;
- Q<sup>2</sup> comprises at least one aryl or heteroaryl group;
- X<sup>1</sup> is O bonded directly to an aryl carbon of Q<sup>1</sup>;
- X<sup>2</sup> is O bonded directly to an aryl carbon of Q<sup>2</sup>;
- Z is a linker comprising at least one  $-(\text{C}(\text{R}^2)_2)-$  group;
- Y is a single bond or a linker group;

11  $R^1$  is independently at each occurrence H, a halogen, an alkyl group, a  
 12 heteroalkyl group, an aryl group, or a heteroaryl group;  
 13  $R^2$  is independently at each occurrence H, an alkyl group, or a heteroalkyl group;  
 14 and  
 15  $R^7$  comprises a crosslinked group.

1 9. The composition of Claim 8, wherein  $Q^1$  comprises at least two aryl or heteroaryl  
 2 groups.

1 10. The composition of Claim 9, wherein  $Q^1$  comprises a methylenediphenyl group in which  
 2 the methylene carbon is bonded to at least 2 phenyl groups.

1 11. The composition of Claim 10, wherein  $Q^1$  is selected from the group consisting of

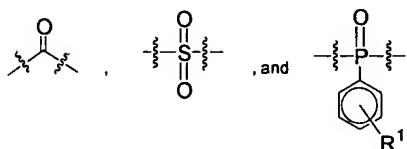


3 12. The composition of Claim 9, wherein  $Q^1$  comprises a polycyclic aromatic ring system or  
 4 a polycyclic heteroaromatic ring system.

1 13. The composition of Claim 8, wherein Y is a single bond, an alkene or an alkyne group.

1 14. The composition of Claim 8, wherein Y is a ketone, a sulfone, or a phosphine oxide  
 2 group.

1 15. The composition of Claim 14, wherein Y is selected from the group consisting of



1 16. The composition of Claim 8, wherein  $Q^2$  comprises a 6-membered aromatic or  
 2 heteroaromatic ring, a polycyclic aromatic ring system, or a polycyclic heteroaromatic  
 3 ring system.

17. The composition of Claim 16, wherein  $Q^2$  comprises



18. The composition of Claim 8, wherein Z is  $-(CH_2)_n-$  or  $-(CH_2CH_2O)_n-$ , wherein  $n = 1$  to 10.

19. The composition of Claim 8, wherein:

$Q^1$  comprises a methylenediphenyl group in which the methylene carbon is bonded to at least 2 phenyl groups;

$Q^2$  comprises a phenyl ring;

Y is a single bond;

and

Z is  $-CH_2-$

20. The composition of Claim 19, wherein  $R^1$  is fluorine.

21. The composition of Claim 8, wherein  $R^7$  comprises a group derived from an acrylate, a cinnamate, an aryl trifluorovinyl ether, or a benzocyclobutene.

22. The composition of Claim 21, wherein  $R^7$  is derived from an aryl trifluorovinyl ether.

23. A device comprising a light emitting element, wherein the light emitting element comprises the composition of Claim 1.

24. The device of Claim 23, wherein the light emitting element further comprises a hole injection layer.

25. The device of Claim 24, wherein the hole injection layer comprises poly(3,4-ethylenedioxythiophene), poly(N-vinylcarbazole), polyaniline, or N,N'-diphenyl-N,N'-bis(3-methylphenyl)1,1'-biphenyl-4,4'-diamine.

26. The device of Claim 23, wherein the light emitting element further comprises an electron injection layer.

1 27. The device of Claim 26, wherein the electron injection layer comprises an oxadiazole, a  
2 benzobisazole, or a quinoxaline.